

**PUBLIC HEALTH AND MEDICAL SITUATION REPORT
INFLUENZA, JANUARY 2014
DATE OF REPORT: JANUARY 17, 2014, 5:00 p.m.
OPERATIONAL PERIOD: JANUARY 10 to JANUARY 17, 2014
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH (CDPH)
EMERGENCY MEDICAL SERVICES AUTHORITY (EMSA)**

EXECUTIVE SUMMARY

During Week two, increases in laboratory detections of influenza and influenza-associated deaths in person <65 were reported in multiple regions statewide. While outpatient visits for influenza-like illness and hospitalizations for pneumonia and influenza at Kaiser Permanente facilities remain above expected levels for this time of year, the levels decreased from Week 1 to Week 2. Most influenza-positive specimens identified in California during the 2013–2014 influenza season are influenza A; of the influenza A viruses subtyped, most are 2009 A (H1N1) viruses. The H1N1 strain appears to be the predominant strain so far this flu season and is one that is contained in the current flu vaccine. Of the specimens strain-typed this season nationwide, all match components in the 2013-2014 influenza vaccine.

CDPH and EMSA activated the Medical and Health Coordination Center (MHCC, formerly the Joint Emergency Operations Center) at noon on January 10, 2014 in response to an increase in influenza-like illness (ILI) and medical surge occurring throughout California.

DUTY OFFICERS ON CALL

Table 1. Duty Officers On Call		
Agency/Program	Duty Officer Information	
CDPH Duty Officer	Name:	Raaz Fares
	Contact Information:	916-328-3605
EPO Duty Officer	Name:	Jason Baker
	Contact Information:	916-328-9025
EMSA Duty Officer	Name:	Jody Durden
	Contact Information:	916-698-8008

CDPH/EMSA CURRENT OPERATIONS

CDPH

Division of Licensing and Certification (L&C)

L&C continues to monitor General Acute Care Hospitals (GACH) and Skilled Nursing facilities (SNF) and evaluate the need for flexes on an ongoing basis as part of their participation in the MHCC activation.

Division of Communicable Disease Control (DCDC)

DCDC is tracking ILI cases throughout California, assisting local health departments (LHD's) with sample analysis and providing summary reports of ILI activity throughout the state. DCDC is participating in the MHCC activation.

Emergency Preparedness Office (EPO)

EPO is supporting activation of the MHCC in collaboration with EMSA. EPO facilitated a teleconference for local Stakeholders on January 14, 2014 and participated in a teleconference facilitated by EMSA regarding the effects of influenza on the emergency medical system on January 16, 2014. The MHCC is coordinating information collection from local situation reports for compilation of the CDPH/EMSA Public Health and Medical Situation Report. MHCC staff conducted an initial incident briefing with the California Department of Corrections and Rehabilitation on January 15, 2014.

The EPO Emergency Pharmaceutical Services Unit (EPSU) continues to monitor and follow up with manufacturers and health care providers on reported shortages of Tamiflu.

EMSA

EMSA has provided staff to participate at the MHCC and is coordinating with the Regional Disaster Medical and Health Coordination (RDMHC) Program to collect information from Local Emergency Medical Services Agencies (LEMSA) and Medical/Health Operational Area Coordinators (MHOAC). EMSA conducted a teleconference in collaboration with CDPH on January 16, 2014 to discuss the impact of influenza on the health care system.

STATE/REGION OVERVIEW

Table 2. State/Region Overview		
Region/State	Proclamation/ Declaration	Activation
MHCC	N/A	Activated level 1

OA MEDICAL AND HEALTH SYSTEM OVERVIEW

Table 3. OA Medical and Health System Overview				
Operational Area	Proclamation/ Declaration	Activation	System Condition	Prognosis
Mutual Aid Region I				
San Luis Obispo	Not reported	Not reported	Green	No Change
Santa Barbara	None	EMS/LHD DOC	Green	No Change

Table 3. OA Medical and Health System Overview				
Operational Area	Proclamation/ Declaration	Activation	System Condition	Prognosis
Mutual Aid Region II				
Contra Costa	Press Release	None	Green	No Change
Lake	Health Advisory	None	Green	Improving
Marin	None	None	Yellow	No Change
Napa	Health Advisory	None	Orange	Worsening
San Benito	None	None	Green	No Change
Mutual Aid Region III				
Colusa	Local Emergency	EMS/LHD/DOC Active	Yellow	Worsening
Mutual Aid Region IV				
Yolo	Press Release	EMS/LHD DOC	Green	No Change
Mutual Aid Region VI				
San Bernardino	Not reported	ICEMA DOC	Yellow	Worsening
San Diego	None	None	Green	No Change

CURRENT IMPACTS/ACTIONS

Table 5. Current Impacts/Actions – MHCC	
Branch	Situation Status
State/Regional Coordination Branch	Activated
Sciences Branch Biosurveillance Group	<p>Outpatient influenza-like illness (ILI) during Week 2 (4.5%) exceeded expected levels for this time of year. Statewide, the percentage of outpatient visits for ILI decreased in Week 2 compared to Week 1 (5.4%). Outpatient ILI for the California border region decreased in Week 2 (4.1%) compared to Week 1 (4.9%)</p> <ul style="list-style-type: none"> • Of 4,441 specimens tested during Week 2, • 1,463 (32.9%) were positive for influenza virus; of these • 43 (1.0%) were influenza B and • 1,420 (32.0%) were influenza A • 15 (1.1%) were subtyped as seasonal A (H3) • 419 (29.5%) were subtyped as 2009 A (H1) • 986 (69.4%) were not subtyped. • Of the 702 specimens tested in the California border region during Week 2, 228 (32%) were positive for influenza • 38 laboratory-confirmed influenza deaths were reported during Week 2. • Two laboratory-confirmed influenza outbreaks were reported during Week 2. • No cases of novel influenza have been detected in California to date.
Surge	<ul style="list-style-type: none"> • Healthcare Facilities Group

Table 5. Current Impacts/Actions – MHCC	
Branch	Situation Status
Management Branch	<ul style="list-style-type: none"> - 6 hospitals <ul style="list-style-type: none"> ▪ 1 utilizing surge tents ▪ 3 reporting increased patient visits ▪ 1 reported ED overflow conditions ▪ 1 receiving transfers from other hospitals - 1 State Hospital <ul style="list-style-type: none"> ▪ 1 hospital reporting a confirmed case of influenza - 5 Skilled Nursing Facilities, all reporting patients with ILI symptoms
Countermeasures and Mitigation Branch	EPSU continued to receive and follow up on reports of spot shortages of Tamiflu during the week ending January 17, 2014.

Table 7. Current Impacts/Actions – Non-EF-8 Departments/Agencies/Stakeholders	
Departments/Agencies/Stakeholders	Situation Status
California Department of Corrections and Rehabilitation (CDCR)	Initial Teleconference with MHCC on 1/15/14

Table 8. Current Impacts/Actions – Operational Areas		
State/Region	Categories	Situation Status
Mutual Aid Region I		
San Luis Obispo	Summary of OA Situation Report	Nine inpatient cases in the operational area (5 medical/surgical, 4 ICU).
	Priorities	None
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Santa Barbara	Summary of OA Situation Report	Sentinel providers report little or no ILI activity. Two confirmed hospitalizations for influenza. ILI visits to ED at 10.96% in week one and 10.33% in week two.
	Priorities	Monitor emergency departments and 911 activity
	Resource Requests (Anticipated)	Not reported

Table 8. Current Impacts/Actions – Operational Areas		
State/Region	Categories	Situation Status
	Financial Impacts	Not reported
Mutual Aid Region II		
Contra Costa	Summary of OA Situation Report	Reporting two deaths from influenza. Issued a Press Release on 1/15/14.
	Priorities	Not reported
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Lake	Summary of OA Situation Report	Both local hospitals are operating at near capacity, but reporting fewer patients with influenza-like illness. Staff shortages have resolved. Inter-facility transfer rates are stable.
	Priorities	Continue influenza surveillance and monitor status of health care facilities.
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Marin	Summary of OA Situation Report	Two laboratory confirmed influenza related deaths. 626 influenza tests completed this season. 127 of those tests were positive (124 for influenza A, 3 for influenza B).
	Priorities	The Public Health Department continues to monitor the current outbreak daily. Media coverage has increased demand for vaccinations
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Napa	Summary of OA Situation Report	Moderate impact to local medical and health system. One hospital is on “treat and transfer” status. Eighteen hospitalizations county-wide (eleven ICU, seven Medical /surgical. One fatality.
	Priorities	Continue to monitor the situation for impacts to the local health and medical system.
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported

Table 8. Current Impacts/Actions – Operational Areas

State/Region	Categories	Situation Status
San Benito	Summary of OA Situation Report	Minimal impact to the local health and medical system. No hospitalizations of patients with influenza like systems.
	Priorities	Monitor the situation for any impacts to the local health and medical system.
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Mutual Aid Region IV		
Yolo	Summary of OA Situation Report	Increase in ED census and 911 requests. Inpatient bed availability remains stable.
	Priorities	Continue to monitor conditions. Set up a POD to mass vaccinate citizens of County. Issued a Press release on the Flu Clinic
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Note reported
Mutual Aid Region V		
Mariposa	Summary of OA Situation Report	John C. Fremont hospital is CLOSED to all visitors under the age of 14; they are still seeing patients of all ages. . While increase in Influenza, GACH is experiencing an increase in unknown etiology of GI Symptoms. Lab results indicate Norovirus. Extended Care wing of John C. Fremont continues to be closed to all visitors.
	Priorities	Not reported
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported
Mutual Aid Region VI		
San Bernardino	Summary of OA Situation Report	Severe increase in EMS bed delays at multiple hospitals. Increase in 911 calls. Increase in ED visits with delays awaiting beds. Hospitals reporting staff shortages.
	Priorities	Maintain a functioning EMS system. County has deployed some surge cots to be used in EDs on a trial basis
	Resource Requests	Not reported

Table 8. Current Impacts/Actions – Operational Areas		
State/Region	Categories	Situation Status
San Diego	(Anticipated)	
	Financial Impacts	Not reported
	Summary of OA Situation Report	677 influenza detections reported in week 2, indicating an elevated level. 1,391 detections reported to date. ILI ED visits at 8%. 6 influenza deaths reported in week 2
	Priorities	Monitoring ED status, 911 off load delays and epidemiology influenza surveillance.
	Resource Requests (Anticipated)	Not reported
	Financial Impacts	Not reported

MHCC PUBLIC INFORMATION

Press Releases Issued

The following is a list of federal and state influenza/ILI alerts issued during the operational period:

- CDC Health Advisory on Jan. 15, 2014, titled “Human Infection with Avian Influenza A (H5N1) Virus”

CDPH Public Health Advisories in Effect

Not reported

Media Contacts of Note

List of all media inquiries regarding the flu for the week of January 10 through January 17, 2014:

Martin Espinoza, Santa Rosa Press Democrat
Elizabeth Daley, Childrens Advocate (immunizations)
Chemene Pelzer, Today Show (NBC-TV)
Doug Desjardins, California HealthFax
Mary Callaghan, Santa Rosa Press Democrat
Laila Kearney, Reuters
Polly Stryker, KQED-FM (San Francisco)
Karen Melrose, KFSN-TV (Fresno)
May Chow, KSBW-TV (Salinas)
David DeBolt, Oakland Tribune
Jose Gaspar and Kyndell Nunley, KBAK-TV (Bakersfield)
Lisa Sigell, KCBS-FM

Mike Landa, KNX-AM (Los Angeles)
Rob McAllister, KOVR-TV (Sacramento)
Brandon Castillo, CTNS-TV (Sacramento)
Gus Barrasza, Univision
Erin Allday, San Francisco Chronicle
Richard Allyn, KFMB TV
Barbara Anderson, Fresno Bee
Mel Baker, KGO Radio
Carol Bogart, Westsacweb.com
Eryn Brown, LA Times
Matthew Burrows, KLIV News Radio San Jose
Gary Cohen, Clear Channel Radio 24/7 News
Josh Cuadra, KNX 1070 Radio
Melissa Culross, KCBS Radio
Courtenay Edelhart, Bakersfield Californian
Miriam Falco, CNN Medical News Atlanta
Adrian Florido, Southern California Public Radio
Ashley Gebb, Chico-Enterprise Record
Kaitlin Gillespie, Redding Record Searchlight
Matthew Glasser, NBC4
Joe Goldeen, Stockton Record
Erin Ivie, Bay Area New Group
Cynthia Kraft, Sacramento Bee
James Lanaras, Bay City News
Linda Mumma, ABC 30 KFSN (Fresno)
Jim Ness, Inland News Today
Nick Palmer, KFBK Radio
Aric Richards, KGET TV (Bakersfield)
Sarah Rohrs, Vallejo Times-Herald
Bob Roos, Cidrap News
Daniel Weintraub, CA Health Report

MHCC RESOURCE REQUESTS

Not Reported

MHCC FINANCIAL IMPACTS

Not applicable